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PlasmaSync® 42XP10

Professional Plasma Public Displays with brilliant colours - especially for dynamic screen content.

- 42" XGA resolution with aspect ratio 16:9
- Enhanced TileMatrix split screen function for variable video walls
- Zoom navigation and timer function
- Comfortable text ticker Function for simultaneous information display
- 1080p and 24p compatible

see more.

NEC Display Solutions

PlasmaSync® 42XP10

TECHNICAL SPECIFICATIONS

Screen Size [inch/cm]	42/106.7
Native Resolution (H x V) [Pixel]	1024 x 768
Screen Size (H x V) [mm]	921.5 x 519.0
Aspect Ratio	16:9
Viewing Angle	Over 160°
Contrast (typ.)	15000:1
Panel Brightness (typ.) [cd/m²]	1500
Real Colour Reproduction	1 billion colours, 1024 steps (10 bit)
Digital Zoom	100 - 900 % (selectable)
Picture Modes	Bright / Normal / Cinama1 / Cinema2 / Default
Enhanced Split Screen	PIP (4 modes), Side by Side (6 modes), Sub Picture Detect / Fade / Transparency, Text Insert
Motion Compensated 3D Scan-Converter	PAL, NTSC, 480i, 576i, 525i, 625i, 1035i, 1080i
Complete Progressive Support	480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@24/25/30/50/60Hz, PC: W-UXGA (1920 x 1200 max)
Noise Reduction	NR-1, NR-2, NR-3
Aspect Mode	Normal, Full, Dynamic, True, Zoom, 2,35:1, 14:9, Underscan
PDP Screensaver	PLE (3 modes), Inverse, White, Orbiter (5 modes)
Tuner	Optional
Composite 1	BNC x 1
Composite 2	RCA x 1
S-Video	4 pin DIN x 1
SCART 1	RGBs (via Adapter at RGB2)*
SCART 2	RGBs (via Adapter at RGB1)*
Component 1	RCA (Y, Pb[Cb], Pr[Cr]) x 1
Component 2	RCA (Y, Pb[Cb], Pr[Cr]) x 1*
PC (RGB)	15 pin D-Sub (RGBHV/RGBs) x 1 BNC (RGBHV/CS,V) x1*
DVI-D / HDMI	DVI-D (HDCP) x 1 / -
Video Output	BNC Composite or 15 pin D-Sub ** (selectable)
Audio 1	RCA Phono (L+R) x 1
Audio 2	RCA Phono (L+R) x 1
Audio 3	RCA Phono (L+R) x 1
Speaker Output	8 + 8 W at 8 Ohm
Front Panel User Controls	Power ON/Standby, Audio Mute, Input Select/(Set), +/(Right), -/(Left), Up, Down, Exit/Menu
Serial Communication	D-Sub 9 pin Serial x 1 (RS-232C, In/Out); Daisy Chain; AMX Cafè Duet
Power Source	100 to 240 V at 50/60Hz
Power Consumption (typ.) [W]	300
Current Rating (max.) [A]	4.2
Dimensions (W x H x D)	1036 x 644 x 127
Net Weight [kg]	Without stand: 33.5, With stand: 37.0
Temperature	0ºC to 40ºC (operation) / -10ºC to 50ºC (storage)
Humidity	20 % to 80 % (operation) / 10 % to 90 % (storage) – no condensation
Altitude	0 to 2000 m (6160 feet, operation) / 0 to 3000 m (9510 feet, storage)
Options	Speakers, stand
Special Features	3D Scan Converter, 3-2/2-2 Pulldown Converter, Digital Zoom, Control Lock, Auto Picture, Colour Tune, Programmable Timer, Gamma Correction, Loop Through Interface, 2 x 2/3 x 3/4 x 4/5 x 5/2 x 1/3 x 1/4 x 1/5 x 1/1 x 2/1 x 3/1 x 4/1 x 5 VideoWall-Function, Burn-In Reduction Tools, Text-Ticker-Function, Auto Luminance Management, Overheating protection

*DVD/HD1 and RGB inputs support different signals.

** Video1 and RGB1 can be used also as outputs (Daisy Chain).

PlasmaSync® and OSM are registered trademarks of the NEC Corporation. The plasma display screen, also called „panel", is comprised of tiny image elements (cells). Although NEC manufactures these plasma displays with 99.99 % of their cells active, individual cells may occasionally produce no light or remain lit when they should have turned off. The brightness of a plasma display declines during the course of the unit's lifetime. Static images should not be displayed over a longer period of time, as this may cause phosphor burn on certain areas of the screen. Phosphor burn is not covered by the warranty. Please note our terms and conditions of our guarantee at www.nec-display-solutions.com Status: November 2007. Technical modifications excepted.

Plasma 42XP10-UK-11/07

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